

**KS****Nutripharma****陕西康盛生物技术有限公司****SHAANXI KINGSCI BIOTECHNOLOGY CO., LTD.**

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Certificate of Analysis

Product and Batch Information			
Product Name	Policosanol	Batch No.	KS20210126
Production Date	Apr.26,2021	Analysis Date	Apr.27,2021
Quantity	100kg	Expired Date	Apr.25,2023

Items	Specification	Result
Assay (GC)	NLT60.0% Octacosanol	62.56%
1-Triacontanol(C ₃₀)		17.31%
1-Dotriacontanol(C ₃₂)		0.50%
Tetratriacontanol(C-34)		
Total Higher Aliphatic Alcohols	NLT78.0%	80.37%
Appearance	White powder	Complies
Sieve Analysis	100% pass 80mesh	Complies
Melting Point	80-83 °C	81.5 °C
Solubility	Insoluble in water, Soluble in hot hydrocarbon, alcohol and chloroform.	Complies
Loss on Drying	0.5% Max	0.31%
Acid Value	1.5 Max	0.77
Residue on Ignition	0.1% Max	0.06%
Heavy Metals(Pb)	3ppm Max	Complies
Arsenic (As ₂ O ₃)	1ppm Max	Complies
Hg	1ppm Max	Complies
Cd	1ppm Max	Complies
Total Plate Count	1000cfu/g Max	Complies
Yeast & Mold	100cfu/g Max	Complies
E. Coli	Negative	Complies
Salmonella	Negative	Complies

Conclusion	Conform to specification.		
Storage	Keep in cool & dry place. Keep away from strong light and heat.		
Sterilization	This product is non-IR and non-ETO.		
QC	Qu Jiaojiao	QA	Li Yaqiang